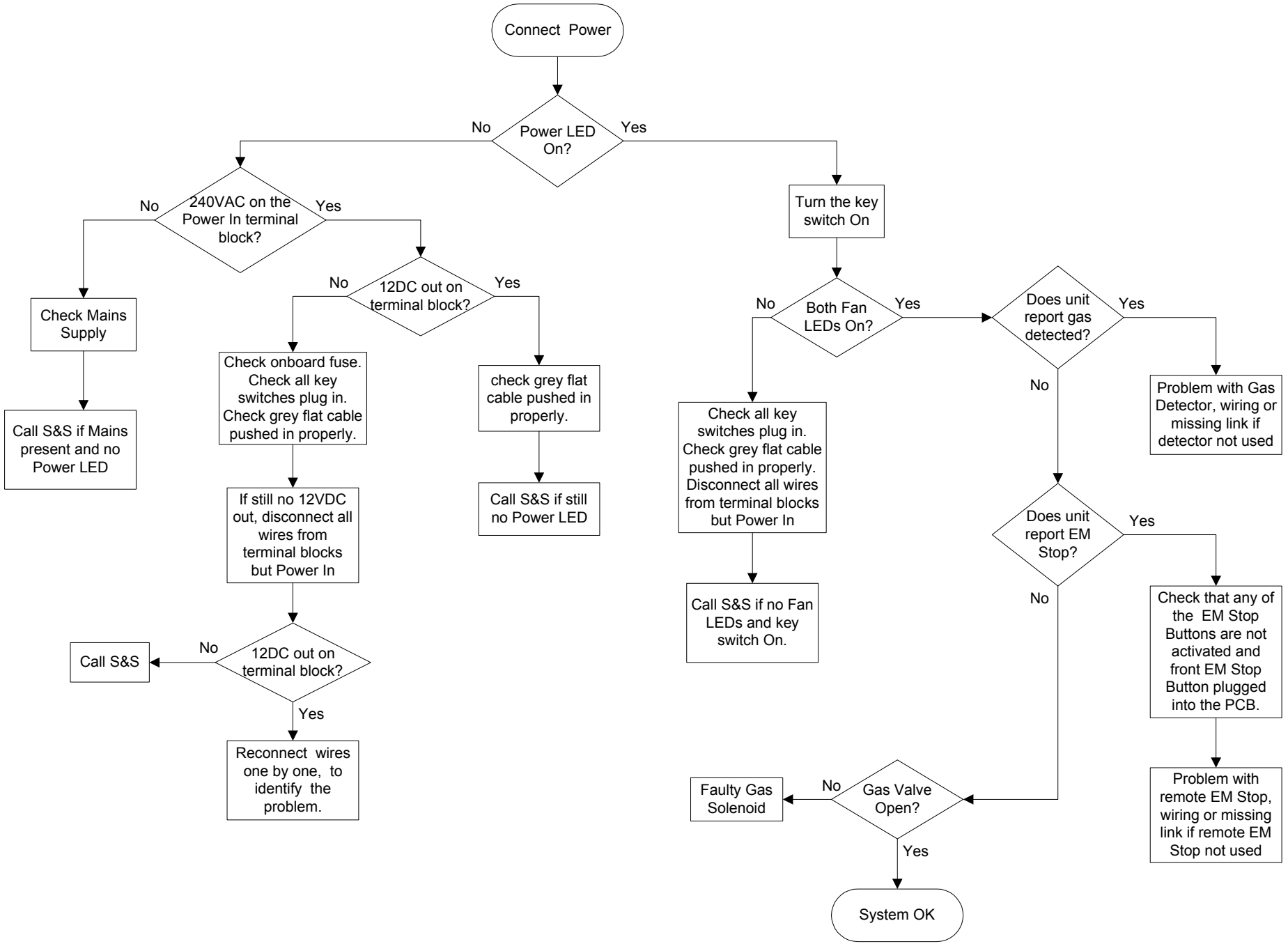
CT1500GD Troubleshooting Flow Chart


Connect Power
Power LED On?
No
Yes
240VAC on the Power In terminal block?
No
Yes
Check Mains Supply
Call S&S if Mains present and no Power LED
12DC out on terminal block?
No
Yes
Check onboard fuse. Check all key switches plug in. Check grey flat cable pushed in properly.
If still no 12VDC out, disconnect all wires from terminal blocks but Power In
12DC out on terminal block?
No
Call S&S
Yes
Reconnect wires one by one, to identify the problem.
check grey flat cable pushed in properly.
Call S&S if still no Power LED
Turn the key switch On
Both Fan LEDs On?
No
Yes
Check all key switches plug in. Check grey flat cable pushed in properly. Disconnect all wires from terminal blocks but Power In
Call S&S if no Fan LEDs and key switch On.
Does unit report gas detected?
Yes
Problem with Gas Detector, wiring or missing link if detector not used
No
Does unit report EM Stop?
Yes
Check that any of the EM Stop Buttons are not activated and front EM Stop Button plugged into the PCB.
Problem with remote EM Stop, wiring or missing link if remote EM Stop not used
No
Gas Valve Open?
No
Faulty Gas Solenoid
Yes
System OK